The background image shows a coastal industrial or port area. A prominent white, cylindrical tower with a red top and many windows stands on a pier. Several cranes and other industrial structures are visible in the background. The foreground is a body of water, and the sky is blue with some clouds.

Guidelines for Sustainable Wetland Restoration WG 7

Structure of Report

1. Background

1.1 Achieving Sustainability

1.2 Guiding Principles

1.3 Habitat Types

1.4 Restoration Types

1.5 Habitat Functions and Values

1.6 Methodologies

Structure of Report

2. Introduction

2.1 General

2.2 Wetlands

2.3 Problem statement

2.4 Addressing the report



Structure of Report

3. Strategic Plan

3.1 Guiding Principles

3.2 Importance of a Strategic Plan

3.3 Overall Process

3.4 Situation: Site Characterization

3.5 Plan: Wetland Functions and Values

3.6 Design: How to do it

3.7 Act: Site Construction

3.8 Evaluation of Success: Post Construction Site Management

3.9 Summary

Structure of Report

4. Site Characterization and Evaluation

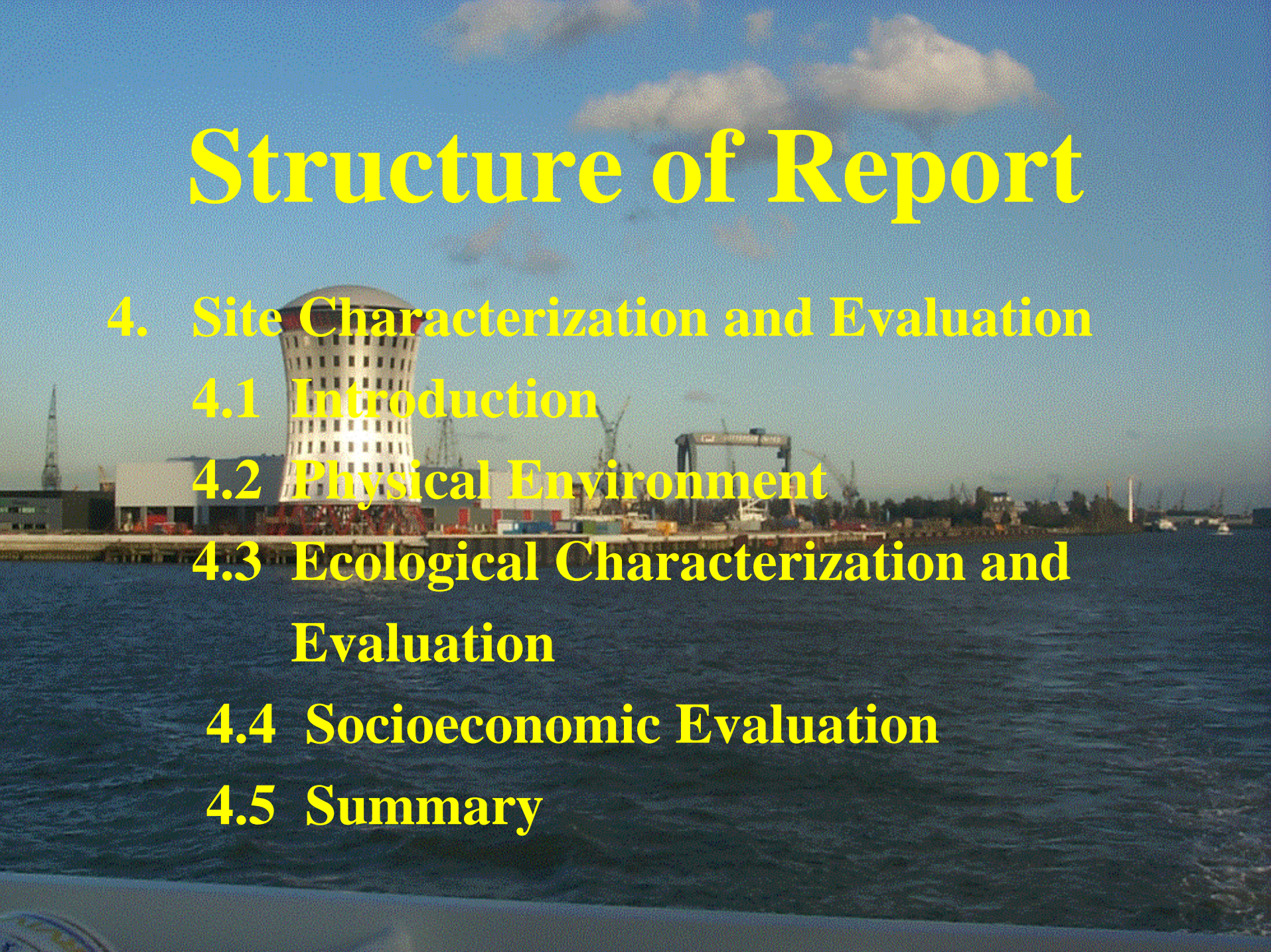
4.1 Introduction

4.2 Physical Environment

4.3 Ecological Characterization and Evaluation

4.4 Socioeconomic Evaluation

4.5 Summary



Structure of Report

5. Ecological Function of Wetland Habitats and Goal Settings: A Design Strategy for Wetland Habitat Regeneration

5.1 Introduction

5.2 End-user Desired Functional Values

5.3 Habitat Functional Processes

Structure of Report

6. Design of Wetlands

6.1 Introduction

6.2 Major Plan Elements

6.3 Hydrology, Lay-out and Landscape

6.4 Technical Design

6.5 Project Plan

6.6 Summary

References Chapter 6

Structure of Report

7. Site Construction

7.1 Introduction

7.2 Guiding Principals

7.3 Techniques Available

7.4 Summary

References



Structure of Report

8. Site Management

8.1 Planning the Management of Wetland Sites

8.2 The Precautionary Principle as applied to
Environmental Management

8.3 Management is a Process

8.4 Inputs, Outputs, Outcomes

8.5 Adaptable Management

8.6 Zonation and Buffer Zones

8.7 Format of the Management Plan

8.8 Management Objectives

8.9 Action Plan (Management Projects and Review)

Structure of Report

9. Final Remarks

9.1 Conclusions

9.2 Recommendations



Problem Statement

Estimates suggest that approximately 50 percent of the world's wetlands have disappeared in the last few decades.



Objectives

- 1) **Raise awareness in engineers, scientists, developers and managers in the port and navigation sector of the value of wetlands and the available environmental solutions involving habitat restoration.**



Objectives (cont.)

- 2) **Provide a technical guidance document to assist them in planning, design, construction monitoring and management of fresh and salt water wetlands, internationally.**

